RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2 Exhibit)

DATE

February 2000

BUDGET ACTIVITY

7 - Operational System Development

PE NUMBER AND TITLE

0206624M Marine Corps Combat Services Support

								-	
COST (In Millions)	FY 1999 Actual	FY 2000 Estimate	FY 2001 Estimate	FY 2002 Estimate	FY 2003 Estimate	FY 2004 Estimate	FY 2005 Estimate	Cost to Complete	Total Cost
Total Program Element (PE) Cost	5536	8337	2854	15304	5129	1360	271	Continuing	Continuing
Medium Tactical Vehicle Replacement (MTVR)	2516	6776	1027	2026	1	1	1	0	31682
C0200 Light Tactical Vehicle Replacement (LTVR)	1	0	0	0	0	0	0	0	186
C0201 Logistical Vehicle System Replacement (LVSR)	1873	1049	1064	12888	4711	1096	2	0	22683
C2316 Combat Services Support Engineering Equipment	1146	267	515	138	159	0	0	0	2952
C2509 Motor Transport Modification	0	245	248	252	258	263	268	Continuing	Continuing
Quantity of RDT&E Articles									

- (U) <u>Mission Description and Budget Item Justification</u>: This program element (PE) provides funding for Marine Air-Ground Task Force requirements for Combat Service Support equipment improvement. It will enhance combat breaching capabilities of the ground combat elements, provide potable water from any available raw water source, logistics, maintenance and transportation requirements. It will also determine the reconfiguration of the current Twin Agent Unit firefighting apparatus and provide a portable, highly mobile general purpose automatic tester designed for use by technicians in the garrison and at the forward edge of the battlefield. The PE also provides improvements in all areas of Combat Service Support Equipment Vehicles by determining the replacement for the heavy, medium and light fleet vehicles.
- (U) <u>Justification for Budget Activity:</u> This program is funded under OPERATIONAL SYSTEMS DEVELOPMENT because it encompassess engineering and manufacturing development for upgrade of existing operational systems.

R-1 Line Item 177

DATE RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2 Exhibit) February 2000 PE NUMBER AND TITLE **BUDGET ACTIVITY PROJECT** 0206624M Marine Corps Combat Services Support 7 - Operational System Development C0076 FY 2000 FY 2001 FY 2002 FY 2003 FY 2004 FY 2005 **Total Cost** FY 1999 Cost to COST (In Millions) Actual Estimate Estimate Estimate Estimate Estimate Estimate Complete C0076 Medium Tactical Vehicle Replacement (MTVR) 2516 6776 1027 2026 31682 Quantity of RDT&E Articles 8 A. (U) Mission Description and Budget Item Justification: The Medium Tactical Vehicle Replacement (MTVR) Program will determine the replacement vehicle for the Medium 5-ton fleet. This project will increase mobility, maintainability, and reliability for the medium fleet.

(U) FY 1999 Accomplishments:

- (U) \$ 2315 Began variant prototype development.
- (U) \$ 58 Traveled in support of the MTVR program.
- (U) \$ 103 Program documentation and management support for the MTVR program.
- (U) \$ 40 Engineering Study.

(U)Total \$ 2,516

(U) FY 2000 Planned Program:

- (U) \$ 4961 Complete MTVR variant prototype development.
- (U) \$ 1501 Initial Operational Test and Evaluation.
- (U) 120 Travel in support of the MTVR program.
- (U) \$ 194 Program documentation and management support for the MTVR program.

(U)Total \$ 6,776

(U) FY 2001 Planned Program:

- (U) \$ 760 Start MTVR variant prototype testing.
- (U) \$ 95 Travel in support of the MTVR program.
- (U) \$ 172 Program documentation and management support for the MTVR program.

(U)Total \$ 1,027

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DATE

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BUDGET ACTIVITY
7 - Operational System Development

PE NUMBER AND TITLE
0206624M Marine Corps Combat Services Support

PROJECT C0076

B. (U) Project Change Summary	FY 1999	FY 2000	FY2001
(U) Previous President's Budget	1,925	6814	1543
(U) Adjustments to Previous President's Budget	591	-38	-516
(U) Current Budget Submit	2516	6776	1027

(U) Change Summary Explanation:

(U) Funding: FY99 increase for variant prototype development. FY00 decrease of \$38K is due to minor affordability adjustments. FY01 decrease \$516K reflects a -\$508K due to prioritization of programs within the Marine Corps and -\$8K due to minor affordability adjustments.

(U) Schedule: N/A

(U) Technical: N/A

C. (U) Other Program Funding Summary	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	To	Total
(APPN, BLI #, NOMEN)								Compl	Cost
(U) PMC Line (BLI# 508800) MTVR	69522	138268	325582	311769	380491	5803	522	0	1232842

(U) Related RDT&E

- (U) PE 0206623M Marine Corps Ground Combat Supporting Arms Systems
- (U) PE 0603640M Marine Corps Advanced Technology Demonstration
- (U) PE 0604804A Logistics and Engineering Equip/Engr Development
- (U) PE 0206313M Marine Corps Communications

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DATE

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BUDGET ACTIVITY

7 - Operational System Development

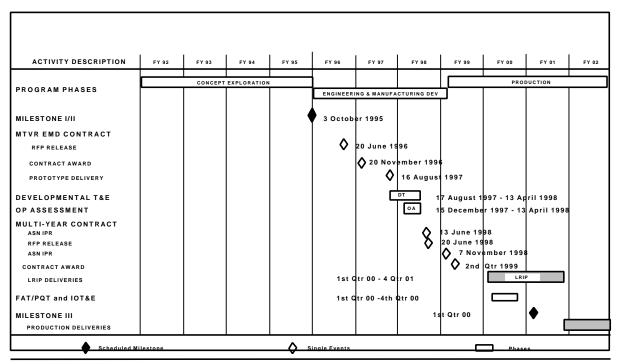
PE NUMBER AND TITLE

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0206624M Marine Corps Combat Services Support

PROJECT C0076

MEDIUM TACTICAL VEHICLE REPLACEMENT SCHEDULE



D. (U) Schedule Profile:

R-1 Line Item 177

BUDGET ACTIVITY 7 - Operation	nal System De	velopmen	t			R AND TITLE 24M Marin	ne Corps C	ombat Se	ervices Su		PROJECT C0076
A. (U) <u>Project C</u>	ost Breakdown			FY 199	9 FY	2000	FY 2001				
Product Developm	nent			231	5	4961	0				
Support and Mana				20	1	314	267				
Test and Evaluation	on				0	1501	760				
Total				251	6	6776	1027				
B. <u>Budget Acqui</u>	sition History and	Planning In	<u>formation</u>								
Performing Orga											
Contractor or	Contract										
Government	Method/Type	Award or	Performing	Project	Total						
Performing	or Funding	Obligation	Activity	Office	Prior to				Budget to	Total	
<u>Activity</u>	<u>Vehicle</u>	<u>Date</u>	<u>EAC</u>	<u>EAC</u>	FY 1999	FY 1999	FY 2000	FY 2001	<u>Complete</u>	<u>Program</u>	
	ment Organization	ns									
ГАСОМ	MIPR	_			10578	2315	4961	0	0	17854	
	nagement Organiz	ations									
ГАСОМ	MIPR				2779	112	194	172	167	3424	
MKI	RCP				502	0	0	0	0	502	
MCSC	WR				282	49	120	95	100	646	
CLNC	RCP				0	40	0	0	0	40	
	ion Organizations										
ГАСОМ	MIPR				5198	0	0	760	1762	7720	
MCOTEA	WR				0	0	1501	0	0	1501	
Government Fur											
	Contract										
	Method/Type	Award or			Total						
tem	or Funding	Obligation	Delivery		Prior to				Budget to	Total	
<u>Description</u>	<u>Vehicle</u>	<u>Date</u>	<u>Date</u>		FY 1999	FY 1999	FY 2000	FY 2001	<u>Complete</u>	<u>Program</u>	
Product Developi	ment Property										
Support and Mar	nagement Propert	y									
				R-	1 Line Item	177		Bı	udget Item Ju	ustification	

(Exhibit R-3, Page 5 of 18)

RDT&E PROGRAM ELEMENT/PR	ROJECT COST B	REAKDO	OWN (R-	3)	DATE F 6	ebruary 2	2000
BUDGET ACTIVITY 7 - Operational System Development		R AND TITLE 4M Marin	e Corps C	Combat Se	ervices Su	pport	PROJEC C0076
Test and Evaluation Property	•						
Subtotal Product Development Subtotal Support and Management Subtotal Test and Evaluation Total Project	Total Prior to FY 1999 10578 3563 5198 19339	FY 1999 2315 201 2516	FY 2000 4961 314 1501 6776	FY 2001 267 760 1027	Budget to Complete 267 1762 2029	Total Program 17854 4612 9221 31687	
	R-1 Line Item 1	77		Вι	udget Item Ju	stification	

DATE

February 2000

BUDGET ACTIVITY

PE NUMBER AND TITLE

PROJECT C0201

7 - Operational System Development

0206624M Marine Corps Combat Services Support

	00201	l
Cost to complete	Total Cost	

COST (In Millions)	FY 1999 Actual	FY 2000 Estimate	FY 2001 Estimate	FY 2002 Estimate	FY 2003 Estimate	FY 2004 Estimate	FY 2005 Estimate	Cost to Complete	Total Cost
C0201 Logistical Vehicle System Replacement (LVSR)	1873	1049	1064	12888	4711	1096	2	0	22683
Quantity of RDT&E Articles									

A. (U) Mission Description and Budget Item Justification: The LVSR is the Marine Corps heavy tactical logistics distribution system. This system is comprised of a heavy tactical vehicle and flatrack modules that allow the LVSR to fulfill a variety of missions. The LVSR provides the system to throughput bulk liquids, ammunition, standardized containers, bridging equipment, heavy equipment, bulk/breakbulk cargo, as well as vehicle wrecker/recovery missions. The LVSR will be fielded to elements of the Marine Air Ground Task Force (MAGTF), (Force Service Support Group (FSSG), Division, Wing) as the primary logistics throughput in supporting both Operational Maneuvers From the Sea (OMFTS) and Sustain Operations Ashore (SOA). The LVSR will be externally transportable by heavy vertical lift, or can arrive in zone via landing craft or causeway. The LVSR will provide organic and supporting heavy logistics transport capability. The LVSR will be the primary means of transporting bulk liquids, ammunition, containers, flatracks, bridging, bulk, breakbulk, and palletized cargo, and semitrailers.

(U) FY 1999 Accomplishments:

- Performed fabrication on LVSR technology demonstrator. (U) \$
- Provided program management, travel, analysis of alternatives/technology studies in support for LVSR program. (U) \$
- Performed LVS computer modeling and simulation. (U) \$
- (U) \$ Developed brake modification.

1873 (U)Total \$

(U) FY 2000 Planned Program:

- 501 Provide program management, travel, continue analysis of alternatives/technology studies in support for LVSR program. (U) \$
- Initiate and complete test and evaluation on technology demonstrator. (U) \$

(U)Total \$ 1.049

(U) FY 2001 Planned Program:

Provide program management and travel in support of LVSR program. • (U) \$

(U)Total \$ 1.064

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	ON	CLASSIFI							
RDT&E BUDGET ITEM JU	JSTIFICATIO	N SHEE	ET (R-	2 Exhil	oit)	Í	DATE Fek	ruary 2	2000
BUDGET ACTIVITY 7 - Operational System Development		PE NUMBE 020662			rps Com	nbat Serv	rices Sup		PROJECT C0201
B. (U) Project Change Summary (U) Previous President's Budget (U) Adjustments to Previous President's Budget (U) Current Budget Submit (U) Change Summary Explanation: (U) Funding: FY99 increase of \$990K reflects an ir assessment, and \$4K decrease for minor afforda an increase of \$1K for NWCF rates adjustment (U) Schedule: N/A (U) Technical: N/A	bility adjustment. I	FY 00 decreas	5 6 9 itization o	s a \$6K for	minor affor				
C. (U) Other Program Funding Summary (APPN, BLI #, NOMEN) U) PMC Line (BLI #509300) LVSR (U) Related RDT&E (U) PE 0206623M Marine Corps Ground Combat Suppose the suppose t	0 0	0	<u>Y 2002</u> 0	<u>FY 2003</u> 0	FY 2004 59296	FY 2005 88497	To <u>Compl</u> CONT.	Total <u>Cost</u> CONT.	
	R	-1 Line Item	177			Budç	get Item Jus	tification	

DATE

February 2000

BUDGET ACTIVITY

7 - Operational System Development

PE NUMBER AND TITLE

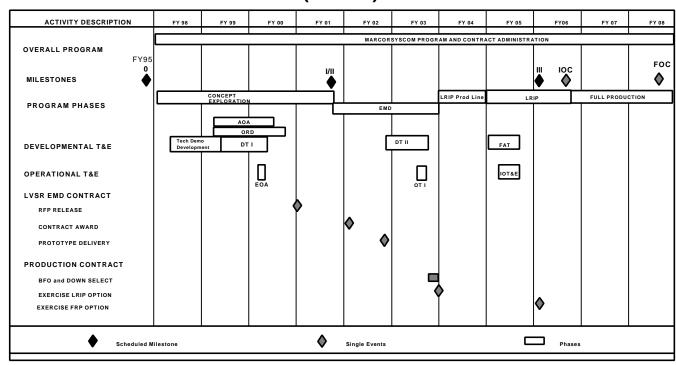
PROJECT

0206624M Marine Corps Combat Services Support

C0201

D. (U) Schedule Profile:

Logistics Vehicle System Replacement (LVSR)



R-1 Line Item 177

RD	T&E PROG	RAM EL	EMENT/PF	ROJECT	COST B	REAKD	OWN (R-	3)	DATE F 6	ebruary 2	2000
BUDGET ACTIVITY 7 - Operation	al System De	velopmen	it			R AND TITLE 4 M Mari r	ne Corps C	Combat Se	ervices Su	pport	PROJECT C0201
A. (U) Project Co	st Breakdown			FY 199	9 FY	2000	FY 2001				
Product Developme	ent			144	4	0	0				
Support and Manag	gement			42	9	501	855				
Test					0	548	209				
Total				187	3	1049	1064				
B. Budget Acquis	ition History and	l Planning In	<u>formation</u>								
Performing Organ	nizations										
Contractor or	Contract										
Government	Method/Type	Award or	Performing	Project	Total						
Performing	or Funding	Obligation	Activity	Office	Prior to				Budget to	Total	
<u>Activity</u>	<u>Vehicle</u>	<u>Date</u>	<u>EAC</u>	<u>EAC</u>	FY 1999	FY 1999	FY 2000	FY 2001	<u>Complete</u>	<u>Program</u>	
Product Developm	nent Organization	ns									
NSWC	WR				0	0	0	0	CONT	CONT	
Support and Mana	agement Organiz	zations									
MCCDC	WR				0	170	155	5	CONT	CONT	
MCSC	WR				0	62	141	854	CONT	CONT	
MCSC	RCP				0	184	150	200	CONT	CONT	
TACOM	MIPR				0	0	0	0	CONT	CONT	
NSWC	WR				0	0	50	0	CONT	CONT	
NSWC	RCP				0	1444	0	0	CONT	CONT	
MCLB, Albany	WR					13	5	5	CONT	CONT	
Test and Evaluation	on Organizations	5									
NSWC	RCP				0	0	548	0	CONT	CONT	
VARIOUS					0	0	0	0	CONT	CONT	
Government Furn	ished Property										
	Contract										
	Method/Type	Award or			Total						
Item	or Funding	Obligation	Delivery		Prior to				Budget to	Total	
Description	<u>Vehicle</u>	Date	Date		FY 1999	FY 1999	FY 2000	FY 2001	Complete	Program	
Product Developm	nent Property										
				R-	1 Line Item 1	177		Ві	udget Item Ju	ustification	

(Exhibit R-3, Page 10 of 18)

DATE RDT&E PROGRAM ELEMENT/PROJECT COST BREAKDOWN (R-3) February 2000 BUDGET ACTIVITY PE NUMBER AND TITLE PROJECT 7 - Operational System Development 0206624M Marine Corps Combat Services Support C0201 **Support and Management Property Test and Evaluation Property** Total Prior to Budget to Total FY 1999 Complete FY 1999 FY 2000 FY 2001 Program CONT Subtotal Product Development **CONT** Subtotal Support and Management 1873 501 1064 **CONT CONT** Subtotal Test and Evaluation 548 **CONT CONT Total Project** 1873 1049 1064 **CONT CONT** R-1 Line Item 177 Budget Item Justification

RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2 Exhibit)

DATE

February 2000

7 - Operational System Development

BUDGET ACTIVITY

PE NUMBER AND TITLE

PROJECT C2316

0206624M	Marine Corps	Combat Services Support
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								•	
COST (In Millions)	FY 1999 Actual	FY 2000 Estimate	FY 2001 Estimate	FY 2002 Estimate	FY 2003 Estimate	FY 2004 Estimate	FY 2005 Estimate	Cost to Complete	Total Cost
C2316 Combat Services Support Engineering Equipment	1146	267	515	138	159	0	0	0	2952
Quantity of RDT&E Articles									

A. (U) Mission Description and Budget Item Justification: This project includes improvements in all areas of Combat Service Support Equipment. The Army developed Combat Breacher Vehicle will be a fully tracked, armored vehicle capable of keeping pace with the maneuver force. It will breach minefields with a full width mine plow, equipped with automatic depth control while maintaining speeds of 4 to 5 miles per hours. The CBV, is a fully tracked, heavy protection level combat system being developed by the Army to enhance the combat breaching capabilities of the ground combat elements. The overall system is integrated on the M1 chassis to provide commonality with the tank fleet while providing the latest technology in direct fire armor protection. It will provide capabilities to breach minefields, neutralize obstacles, demolish berms and fill in auto tank ditches. Major subsystems of the CBV include an automatic depth control system, a weapon systems station, a commander's control station and a power driven arm. The Pentagon has approved a large-scale reshaping of the Army's budget for FY01 to reflect the new vision for the service, including a major restructuring of United Defense, L.P.'s Crusader self-propelled howitzer program, the standing up of two medium brigades at Ft. Lewis, Washington, and procurement of new medium and light armored vehicles to equip them, and the acceleration and termination of several other programs including the CBV program. The 1500 Reverse Osmosis Water Purification Unit (1500ROWPU) is capable of providing potable water from any available raw water source. The 1500ROWPU is "state-of-the-art" technology producing 1,200/1,500 gallons per hour (GPH). This system will replace the aging 600 GPH ROWPUs at a 2 old systems to 1 enhanced system ratio. The 1500ROWPU will reduce logistics, maintenance, and transportation requirements allowing significant potential cost avoidance in out year support costs. The 1500ROWPU is a joint Marine Corps program with the Army as the lead service. The current Twin Agent Unit (TAU) firefighting apparatus is mounted on a modified Commercial Utility, Cargo Vehicle (CUCV). The CUCV has reached the end of its designed service life and was phased out of the Marine Corps' inventory by FY 1997. Funds will be used to determine the reconfiguration of the current TAU and the Truck, Utility, Cargo, D1180, into a compatible mobile extinguisher. The Third Echelon Test Set (TETS) is a portable, highly mobile general purpose automatic tester designed for use by technicians both in garrison and at the forward edge of the battlefield.

(U) PROGRAM ACCOMPLISHMENTS AND PLAN

(U) FY 1999 Accomplishments:

- (U) \$ 701 1500 ROWPU: Provided prototype changes to componentry to optimize the design hardware.
- (U) \$ 159 CBV: Develop deep water fording kit. Conduct shipboard compatibility study.
- (U) \$ 30 TAU: Purchased prototype for testing.
- (U) \$ 141 TAU: Completed DT.
- (U) \$ 10 TAU: Provided travel in support of TAU.
- (U) \$ 105 TETS: Developed baselines for virtual automatic testing in support of emerging weapon systems.

(U)Total \$ 1.146

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RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2 Exhibit)

DATE

February 2000

BUDGET ACTIVITY

PE NUMBER AND TITLE

PROJECT

7 - Operational System Development

0206624M Marine Corps Combat Services Support

C2316

(U) FY 2000 Planned Program:

• (U) \$ 164 CBV: Integrate full width mine plow and remote kit to AAV and M1A1 chassis.

• (U) \$ 103 TETS: Continue development of new technology testing applications in support of emerging weapon systems.

(U)Total \$ 267

(U) FY 2001 Planned Program:

• (U) \$ 406 1500 ROWPU: Test and evaluate ancillary equipment to include membrane cleaning and preservation system and ocean intake structures.

• (U) \$ 109 TETS: Continue development of new technology testing applications in support of emerging weapon systems.

(U)Total \$ 515

B. (U) Project Change Summary	FY 1999	FY 2000	FY 2001
(U) Previous President's Budget	836	1702	1581
(U) Adjustments to Previous President's Budget	+310	-1435	-1066
(U) Current Budget Submit	1146	267	515

(U) Change Summary Explanation:

- (U) Funding: FY99 increase of \$310K reflects an increase of \$340K due to reprioritization of programs within the Marine Corps, a decrease of \$22K for the SBIR tax assessment, and a NAVCOMPT adjustment decrease \$8K. FY00 decrease of \$1,435 due to 1,417K internal reprogramming of CBV deep fording kit and automatic blade deployment development efforts and 18K tax assessment. FY01 decrease of 1,066K reflects a decrease of 1,053K due to internal reprogramming of CBV deep fording kit and automatic blade deployment development efforts and 13K tax assessment.
- (U) Schedule:
- (U) Technical:

C. (U) Other Program Funding Summary (APPN, BLI #, NOMEN)	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	To <u>Compl</u>	Total <u>Cost</u>
(U) PMC Line (BLI# 627400) 1500ROWPU	0	0	0	7744	13053	16570	8198	Cont	Cont
(U) PMC Line (BLI# 666900) CAFMS	1137	0	0	0	0			0	1137
(U) PMC Line (BLI# 440200) TETS	29245	28862	4714	0	0	0	0	0	62821
		R	Budge	et Item Jus	tification				

(Exhibit R-2, Page 13 of 18)

DATE RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2 Exhibit) February 2000 **BUDGET ACTIVITY** PE NUMBER AND TITLE **PROJECT** 0206624M Marine Corps Combat Services Support 7 - Operational System Development C2316 C. (U) Other Program Funding Summary FY 2003 FY 1999 FY 2001 FY 2002 FY 2005 Total FY 2000 (APPN, BLI #, NOMEN) Cost Compl (U) PMC Line (BLI# 667000) ILT \$5 (CAFSM) 0 0 3419 0 3419 0 0 0 (U) Related RDT&E (U) PE 0206623M Marine Corps Ground Combat Supporting Arms Systems (U) PE 0603640M Marine Corps Advanced Technology Demonstration (U) PE 0604804A Logistics and Engineering Equip/Engr Development (U) PE 0206313M Marine Corps Communications **D.** (U) **Schedule Profile:** Not Applicable R-1 Line Item 177 **Budget Item Justification**

BUDGET ACTIVITY					DE NI IMPE	R AND TITLE	-			ebruary 2	PROJECT
7 - Operational System Development							ervices Su	vices Support			
A. (U) Project Co				FY 1999	<u>FY</u>	2000	FY 2001				
Production Develop				849		164	406				
Support and Manag				124		103	109				
Test and Evaluation	n			173		0	0				
Total				1146		267	515				
B. <u>Budget Acquis</u>	ition History and	Planning Inf	ormation								
Performing Orgai											
Contractor or	Contract										
Government	Method/Type	Award or	Performing	Project	Total						
Performing	or Funding	Obligation	Activity	Office	Prior to				Budget to	Total	
<u>Activity</u>	<u>Vehicle</u>	<u>Date</u>	<u>EAC</u>	<u>EAC</u>	FY 1999	FY 1999	FY 2000	FY 2001	<u>Complete</u>	Program	
Product Developn		ns									
Miscellaneous	Various				378	10			166	554	
TACOM	MIPR				418	839	164	406	0	1827	
Support and Man		ations									
MKI	RCP				58	10			10	78	
MCSC					357	9			10	376	
Albany	WR					105	103	109	111	428	
Test and Evaluati											
ГАСОМ	MIPR				595	0				595	
APG,MD	MIPR				0	173	0	0	0	173	
Governmen	t Furnished	l Propert	V								
_	Contract	•	•								
	Method/Type	Award or			Total						
Item	or Funding	Obligation	Delivery		Prior to				Budget to	Total	
<u>Description</u>	<u>Vehicle</u>	<u>Date</u>	<u>Date</u>		FY 1999	FY 1999	FY 2000	FY 2001	Complete	Program	
Product Developn	nent Property: N	ot Applicable									
				R-1 Line Item 177 Budg							

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RDT&E PROGRAM ELEMENT/PR		DATE F 6	DATE February 2000				
BUDGET ACTIVITY 7 - Operational System Development		R AND TITLE 4M Marin	e Corps C	Combat Se	rvices Su		PROJEC C2316
Support and Management Property: Not Applicable Fest and Evaluation Property: Not Applicable	·						
Subtotal Product Development Subtotal Support and Management Subtotal Test and Evaluation Fotal Project	Total Prior to FY 1999 796 415 595 1806	FY 1999 849 124 173 1146	FY 2000 164 103 267	FY 2001 406 109 515	Budget to Complete 166 131	Total Program 2381 882 768 4031	
	R-1 Line Item 1	77		Вι	ıdget Item Ju	stification	

DATE RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2 Exhibit) February 2000 PE NUMBER AND TITLE BUDGET ACTIVITY **PROJECT** 0206624M Marine Corps Combat Services Support 7 - Operational System Development C2509 FY 2001 FY 2002 FY 2003 FY 2004 FY 1999 FY 2000 FY 2005 Cost to **Total Cost** COST (In Millions) Actual Estimate Estimate Estimate Estimate Estimate Estimate Complete C2509 Motor Transport Modification 245 248 252 258 263 268 Continuing Continuing

(U) <u>Mission Description and Budget Item Justification</u>: This project develops joint service and Marine Corps unique improvements to motor transport systems, monitors the commercial automotive industrial base for technology insertions to increase Reliability Availablity and Maintainability, Durability (RAM-D), reduce ownership costs, and resolve unplanned safety hazards. This also includes the monitoring and implementation of state and federal requirements if required. This will be a "level of effort" program to quickly analyze and field items that address safety modifications and product improvements to current systems that increase combat readiness and capability. Funding will focus on streamlined acquisitions of Commercial-Off-the-Shelf/Non-Developmental Item (COTS/NDI) items that can be identified, integrated, and tested in a short amount of time. Successful modifications will be later procured and fielded to the Fleet Marine Force (FMF).

(U) PROGRAM ACCOMPLISHMENTS:

Quantity of RDT&E Articles

A. (U) Mission Description and Budget Item Justification:

(U) FY 1999 Accomplishments: Not Applicable.

(U) FY 2000 Planned Program:

- (U) \$ 38 Program Management and travel in support of Motor Transport modifications.
- (U) \$ 108 Develop kits for Motor Transport modifications utilizing COTS/NDI.
- (U) \$ 99 Begin testing, integration and evaluation on Motor Transport modifications which utilize COTS/NDI.

(U)Total \$ 245

(U) FY 2001 Planned Program:

- (U) \$ 35 Program Management and travel in support of Motor Transport modifications.
- (U) \$ 112 Develop kits for Motor Transport modifications utilizing COTS/NDI.
- (U) \$ 101 Begin testing, integration and evaluation on Motor Transport modifications which utilize COTS/NDI.

(U)Total \$ 248

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RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2 Exhibit)								DATE February 2000			
BUDGET ACTIVITY 7 - Operational System Developmen	ıt		PE NU 020	JMBER AND 1 6624M	TITLE Marine Co	orps Com	nbat Serv	/ices Sup _l	port	PROJECT C2509	
B. (U) Project Change Summary		FY 1999	<u>9 FY</u>	2000	FY 2001						
(U) Previous President's Budget(U) Adjustments to Previous President's Budget(U) Current Budget Submit		()))	246 -1 245	251 -3 248						
(U) Change Summary Explanation: (U) Funding: FY00 reduction of \$1K is d	ue to minor af	fordability a	djustments.	FY01 redu	action of \$3K	is due to mi	nor affordab	oility adjustme	ents.		
(U) Schedule:											
(U) Technical:											
C. (U) Other Program Funding Summary (APPN, BLI #, NOMEN) (U) PMC (BLI# 523000) 1 LT \$5 M	<u>FY 1999</u> 0	FY 2000 7472	FY 2001 10941	FY 2002		FY 2004 1258	FY 2005 1281	To <u>Compl</u> Cont.	Total <u>Cost</u> Cont.		
(U) Related RDT&E											
D. (U) Schedule Profile: Not Applicable.											
			R-1 Line I	tem 177			Bud	get Item Just	tification		